BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Name of the Work : Leveling of Site, Chain Link Fencing and Construction of Ramp, Water, Sanitary Pipeline and other Works to Indira Canteen near Ward office, Singapura in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	228.50	Earthwork in surface excavation in **ordinary soil** for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed etc complete as per specifications and directions of engineer in charge of the work	Cum	284.13	Rupees Two Hundred Eighty Four and Thirteen Paise Only
2	30.21	Excavation soft rock without blasting for formation of roads including stacking neatly, to uniform line and level including cost of explosives, labour, HOM of machineries and equipments etc complete as per specifications and directions of engineer in charge of the work	cum	810.00	Rupees Eight Hundred Ten Only
3	55.07	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	203.13	Rupees Two Hundred Three and Thirteen Paise Only
4	11.76	Providing and laying in position **plain cement concrete of mix 1:3:6** with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation** including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	5449.68	Rupees Five Thousand Four Hundred Forty Nine and Sixty Eight Paise Only
5	24.75	Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6, stone** hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	4521.96	Rupees Four Thousand Five Hundred Twenty One and Ninety Six Paise Only
6	11.14	Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Cum	5405.40	Rupees Five Thousand Four Hundred Five and Forty Paise Only
7	33.00	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications **Page No. 113 / Item No. 15.3, PWD SR 2016-17**	Sqm	105.84	Rupees One Hundred Five and Eighty Four Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
8	6.19	Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	5876.28	Rupees Five Thousand Eight Hundred Seventy Six and Twenty Eight Paise Only
9	70.20	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) etc complete as per specifications and directions of engineer in charge of the work	m	884.52	Rupees Eight Hundred Eighty Four and Fifty Two Paise Only
10	123.75	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. etc complete as per specifications and directions of engineer in charge of the work	m	349.92	Rupees Three Hundred Forty Nine and Ninety Two Paise Only
11	86.63	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint etc complete as per specifications and directions of engineer in charge of the work	Sqm	711.72	Rupees Seven Hundred Eleven and Seventy Two Paise Only
12	8.82	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc complete as per specifications and directions of engineer in charge of the work	Sqm	3168.72	Rupees Three Thousand One Hundred Sixty Eight and Seventy Two Paise Only
13	270.00	Tubular Steel Railing on Medium Weight Steel Channel (ISMC Series) 100 mm x 50mm:-Providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 metres high above ground, 2 m centre to centre, etc complete as per specifications and directions of engineer in charge of the work	M	1548.72	Rupees One Thousand Five Hundred Forty Eight and Seventy Two Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
14	5.66	Providing and laying in position **reinforced cement concrete of design mix M25** with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc.,** including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement etc complete as per specifications and directions of engineer in charge of the work	Cum	6876.36	Rupees Six Thousand Eight Hundred Seventy Six and Thirty Six Paise Only
15	0.57	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery TMT Bars FE 500 etc complete as per specifications and directions of engineer in charge of the work	Tonne	65455.56	Rupees Sixty Five Thousand Four Hundred Fifty Five and Fifty Six Paise Only
16	28.06	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	316.44	Rupees Three Hundred Sixteen and Forty Four Paise Only
17	32.40	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	189.00	Rupees One Hundred Eighty Nine Only
18	70.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 25mm nominal OD pipes etc complete as per specifications and directions of engineer in charge of the work	m	183.60	Rupees One Hundred Eighty Three and Sixty Paise Only
19	32.40	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc complete as per specifications and directions of engineer in charge of the work	Cum	61.00	Rupees Sixty One Only
20	5	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc complete as per specifications and directions of engineer in charge of the work	Each	648.00	Rupees Six Hundred Forty Eight Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
21	22.00	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) etc complete as per specifications and directions of engineer in charge of the work	m	884.52	Rupees Eight Hundred Eighty Four and Fifty Two Paise Only
22	78.00	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint etc complete as per specifications and directions of engineer in charge of the work	m	349.92	Rupees Three Hundred Forty Nine and Ninety Two Paise Only
23	39.00	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint etc complete as per specifications and directions of engineer in charge of the work	Sqm	711.72	Rupees Seven Hundred Eleven and Seventy Two Paise Only
24	45.00	Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges etc complete as per specifications and directions of engineer in charge of the work	m	381.24	Rupees Three Hundred Eighty One and Twenty Four Paise Only
25	6	Constructing brick masonry inspection chamber **600x600mm, and 450mm depth**, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. etc complete as per specifications and directions of engineer in charge of the work	Nos.	9670.32	Rupees Nine Thousand Six Hundred Seventy and Thirty Two Paise Only
26	80.00	Removing and resetting of kerb stones etc complete as per specifications and directions of engineer in charge of the work	m	66.96	Rupees Sixty Six and Ninety Six

.. o.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
27	28.00	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm	28.08	Rupees Twenty Eight and Eight Paise Only
28	28.00	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm	71.28	Rupees Seventy One and Twenty Eight Paise Only

3/09

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

3/09

Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

"DTS Approved"

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.